


PTO-1390 TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY DOCKET NUMBER 8156/88120 10/574910
INTERNATIONAL APPL. NO.: PCT/IB2004/003204	INTERNATIONAL FILING DATE International Filing Date: 1 October 2004	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) US Appln No.: Not Yet Assigned
TITLE OF INVENTION DIOXIN-BINDING MATERIAL AND METHOD OF DETECTING OR QUANTIFYING DIOXIN		PRIORITY DATE CLAIMED 10 October 2003
APPLICANT(S) FOR DO/EO/US Chikashi NAKAMURA, Jun MIYAKE, Ikuo OBATAYA, Noriyuki NAKAMURA, Katsuhisa SHIRAI, Yasuhiro INUYAMA		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. Please do not delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11. to 20. below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 		

13. <input checked="" type="checkbox"/>	A preliminary amendment TO BE ENTERED BEFORE CALCULATING FEES DUE.			
14. <input checked="" type="checkbox"/>	An Application Data Sheet under 37 CFR 1.76.			
15. <input checked="" type="checkbox"/>	A substitute specification.			
16. <input checked="" type="checkbox"/>	A power of attorney and/or change of address letter.			
17. <input type="checkbox"/>	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.			
18. <input checked="" type="checkbox"/>	A second copy of the published international application under 35 U.S.C. 154(d)(4).			
19. <input type="checkbox"/>	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).			
20. <input checked="" type="checkbox"/>	Other items or information:			
	Application Data Sheet			
	General Authorization for Petition for Extension of Time Under 37 CFR §1.136(a)(3)			
	International Search Report (PCT/ISA/210)			
	PCT Notice Informing the Applicant of the Communication of the International Application (to Designated Offices Which Do Not Apply the 30 Month Time Limit Under Article 22(1)) (PTO/IB/308)			
	Drawings, 12 sheets, Figs. 1-12			
	Sequence Listing			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; padding: 2px;">U.S. APPLICATION NO. (if known, see 37 CFR 1.5)</td> <td style="width: 33%; padding: 2px;">INTERNATIONAL APPLICATION NO. PCT/IB2004/003204</td> <td style="width: 33%; padding: 2px;">ATTORNEY DOCKET NUMBER 8156/88120</td> </tr> </table>		U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/IB2004/003204	ATTORNEY DOCKET NUMBER 8156/88120
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21. The following fees are submitted:						Applicant use	Office use only
<input checked="" type="checkbox"/> a) Basic national fee \$300.00						\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee \$200.00						\$ 200.00	
<input checked="" type="checkbox"/> c) International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400.00						\$ 400.00	
TOTAL OF ABOVE CALCULATIONS =						\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof		RATE			
44 - 100	0 / 50 =	0	x	\$250.00	0.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).						0.00	
CLAIMS	NUMBER FILED		NUMBER EXTRA		RATE		
Total claims	16	- 20 =	0	x	\$50.00	0.00	
Independent Claims	1	- 3 =	0	x	\$200.00	0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)					\$360.00	\$0.00	
TOTAL OF ABOVE CALCULATIONS =						\$ 900.00	
Applicant(s) assert entitlement to Small Entity Status (37 CFR 1.27), thus reducing the filing fee by half to:						0.00	
SUBTOTAL =						\$ 900.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).						0.00	
TOTAL NATIONAL FEE =						\$ 900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.						0.00	
TOTAL FEES ENCLOSED =						\$ 900.00	
AMOUNT TO BE:						\$	
						Charged	\$
a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 06-1135, regarding our Order No. 8156/88120, in the amount of \$ <u>900</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1135 regarding Order No. 8156/88120. A duplicate copy of this sheet is enclosed. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: CUSTOMER No. 42798 <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> FITCH, EVEN, TABIN & FLANNERY 1801 K Street, NW, Suite 401L Washington, DC 20006-1201 Telephone: (202) 419-7000 Facsimile: (202) 419-7007 </div> <div style="width: 45%; text-align: center;">  SIGNATURE NAME: Kendrew H. Colton REGISTRATION NUMBER: 30,368 Date: April 7, 2006 </div> </div>							

APPLICATION UNDER UNITED STATES PATENT LAWS

Atty. Dkt. No. 8156/88120

**Invention: DIOXIN-BINDING MATERIAL AND METHOD OF DETECTING OR
QUANTIFYING DIOXIN****Inventor(s): Chikashi NAKAMURA
Jun MIYAKE
Ikuo OBATAYA
Noriyuki NAKAMURA
Katsuhisa SHIRAI
Yasuhiro INUYAMA****CUSTOMER NO. 42798****Fitch, Even, Tabin & Flannery
1801 K Street, N.W. - Suite 401L
Washington, D.C. 20006-1201
Telephone: (202) 419-7000****This is a:**

- ☐ Provisional Application
- ☐ Regular Utility Application
- ☐ Divisional Application
- ☒ PCT National Phase Application
 - The complete disclosure of
PCT/IB2004/003204, filed October 1, 2004
is incorporated by reference.
- ☐ Design Application
- ☐ Plant Application
- ☐ Substitute Specification
- ☐ Sub. Spec. Filed _____
In Appl. No. ____/____
- ☐ Marked-up Specification re
Sub. Spec. filed _____
In Appl. No. ____/____

SPECIFICATION